

1 In the claims:

2 1. A method for automatically configuring performance management software in a

3 computer system, comprising:

4 inventorying applications and performance management tools;

5 generating an inventory list of the applications and the performance management

6 tools;

7 using the inventory list, generating a performance management tools

8 configuration; and

9 restarting the performance management software to engage the configuration of

10 the performance management tools.

11 2. The method of claim 1, wherein the method is executed upon start up of the

12 computer system.

13 3. The method of claim 1, wherein the method is executed on demand.

14 4. The method of claim 1, wherein the method is executed periodically.

15 5. The method of claim 1, wherein the method is executed automatically.

16 6. The method of claim 1, wherein the step of generating the inventory list

17 comprises writing inventory information to an ASCII-format file.

18 7. The method of claim 1, wherein the step of generating the configuration file

19 comprises specifying one or more of collection parameters, application-specific

20 interfaces, performance thresholds, and alarms applicable to specific performance

21 management tools.

22 8. The method of claim 1, wherein the inventory step comprises inventorying

23 installed application programs and installed performance management tools.

24 9. The method of claim 8, further comprising inventorying active application

25 programs and active performance management tools, wherein the active application

26 programs and performance management tools are flagged to indicate an active status.

27 10. The method of claim 1, further comprising:

28 manually amending the inventory list; and

29 repeating the step of generating the performance management tools configuration.

30 11. The method of claim 1, further comprising storing the inventory list and the

31 performance management tools configuration in a memory.

1 12. An apparatus that configures performance management tools in a computer
2 system, comprising:
3 a registry that reads information from hardware devices, application programs,
4 and performance management programs;
5 a kernel coupled to the registry that receives the information read by the registry
6 and writes the information to an inventory file;
7 a file generator that receives the inventory file and information related to the
8 computer system and generates a performance management tools configuration file; and
9 an operating system that restarts the performance management programs after
10 generation of the configuration file.
11 13. The apparatus of claim 12, wherein the registry reads the information from
12 hardware devices, application programs, and performance management programs
13 automatically upon startup of the computer system.
14 14. The apparatus of claim 12, wherein the registry reads the information
15 automatically and periodically during operation of the computer system.
16 15. The apparatus of claim 12, wherein the inventory file is an ASCII-format file.
17 16. The apparatus of claim 12, wherein the hardware devices, application programs
18 and performance management tools are installed in the computer system.
19 17. The apparatus of claim 16, wherein one or more of the installed hardware devices,
20 application programs and performance management tools are active, and wherein the
21 kernel flags the active hardware devices, application programs and performance
22 management tools.
23 18. The apparatus of claim 12, further comprising an interface that provides manual
24 updating of the inventory file.
25 19. A method for configuring performance management tools in a computer
26 environment, comprising:
27 discovering installed application programs in the computer environment;
28 discovering installed performance management tools in the computer
29 environment;
30 discovering active application programs in the computer environment;
31 discovering active performance management tools in the computer environment;

1 generating an inventory file of the installed and the active application programs
2 and performance management tools, wherein the active application programs and
3 performance management tools are flagged;
4 generating a performance management tools configuration file based on features
5 of the computer environment and the inventory file; and
6 restarting the performance management tools to engage the performance
7 management tools.

8 20. The method of claim 19, wherein the discovering steps are performed
9 automatically on startup of the computer environment, and further comprising:
10 manually amending the inventory file;
11 regenerating the performance management tools configuration file; and
12 restarting the performance management tools to engage the performance
13 management tools, wherein the restarting step is performed after the regenerating step.